CASE STUDY

inflectra

TURNING CHALLENGES INTO WINS: RECOLOGY'S QA EVOLUTION WITH SPIRATEST BY INFLECTRA

THE COMPANY

Company Name: Recology
Industry: Utilities/Waste Management
Geographies covered: USA
Team Size: 40 professionals & Vendors
Compliance: Waste Zero California AB1826

THE CHALLENGE

- Difficulty maintaining and reusing test cases for regression testing
- Manual handling of test management and a need to a robust solution to automate the process.
- Streamlined way to present incident statistics to management.

TOOLS USED PRIOR

- Excel spreadsheets
- RemedyForce (Salesforce)

LIKELIHOOD TO RECOMMEND: 8/10

THE KEY RESULTS

- **Reusability:** Ability to create, store, and reuse test cases, enhancing efficiency across multiple projects.
- **Custom Reporting**: Tailored reports providing deeper insights into testing progress, issue resolution, and resource utilization.
- **Resource Tracking**: Improved management of human and technical resources for optimized project execution.

RECOLOGY'S QA EVOLUTION WITH SPIRATEST

WHY CHOSE SPIRATEST

- Feature Completeness & Unlimited Usage
- Improved test management and defect tracking.
- Seamless integration with existing systems.
- A user-friendly and intuitive interface allowing for quick onboarding.

THE IMPLEMENTATION

- Integrated into Recology's IT infrastructure to manage test cases, test sets, and test runs.
- Track incident resolutions and enhanced overall project tracking
- ImproveD testing workflows for AS400 Software Replacement Project, ensuring smoother execution across the Software Development Life Cycle (SDLC).

THE BUSINESS BENEFITS

- Post-release defects decreased by **25%**
- Bug resolution time improved by **50%**
- Testing time reduced by **35%**
- Defect detection rate improved by **30%**
- Test coverage improved by **80%**
- Software deployment frequency increased by **35%**

COMPETITIVE ADVANTAGE:

- Streamlined QA management, accelerating product delivery.
- Increased efficiency in bug tracking and resolution.
- Improved overall risk management and compliance.

THE TESTIMONIAL

" Using Inflectra's SpiraTest is a game changer. We had no prior integrated test and incident management solution, and we were able to ramp up in no time and develop repeatable and effective processes. "

Val B., Quality Assurance Analyst

FUTURE PLANS

Recology plans to expand its use of Inflectra's products in the following ways:

- **Incident Reporting Integration:** Importing data from third-party tools to create a unified dashboard.
- **Optimizing Test Cases & Test Sets**: Enhancing reusability for better collaboration with system integrators.

For more information on SpiraTest, contact sales@inflectra.com

The Inflectra AWS Partnership

Inflectra's customers work in mission-critical and high-assurance industries, and consequently expect the highest levels of service. For this reason, Inflectra hosts all of its applications on the proven Amazon Web Services (AWS) global infrastructure. Inflectra offers its customers a trusted lifecycle management platform for delivering critical products and services on-time and with the highest quality. The partnership with AWS lets us focus on delivering application services, knowing that the infrastructure has world-class security, reliability and safety built-in.

In addition, the flexibility and agility of the AWS platform has let Inflectra expand and scale its business to meet and exceed customer requirements as their needs have grown. We have been able to add regions and services as our customers globally expanded.

Recology: How Inflectra and AWS Delivered Results

≫ Solution

Recology chose to adopt SpiraTest hosted by Inflectra as a SaaS solution. SpiraTest is hosted in AWS as a SaaS solution using Inflectra's AWS account, using EC2 running Windows Server and EC2 running SQL Server. Both instances backed by EBS and AWS Lifecycle Manager. We used two separate US regions (Northern Virginia and Ohio) to ensure high performance and fault tolerance.

SpiraTest has been integrated into Recology's IT infrastructure allowing the team to manage test cases, test sets, and test runs. They use SpiraTest to track incident resolutions and enhance the overall project tracking process. SpiraTest has Improved their testing workflows for the critical AS400 Software Replacement Project, ensuring smoother execution across the Software Development Life Cycle(SDLC).

≫ Results and ROI

Recology is very happy with SpiraTest and plans to expand its use of Inflectra's products in the following ways:

- Incident Reporting Integration: Importing data from third-party tools to create a unified dashboard.
- Optimizing Test Cases & Test Sets: Enhancing reusability for better collaboration with system integrators.

Features

Reliability & Privacy

Our customers care about data privacy and service reliability above all else. Inflectra has designed its SaaS platform using the flexibility of AWS to have six discrete privacy regions that ensure data sovereignty and privacy requirements are always met. Currently we are able to host data for customers in the USA, Canada, Europe, India, Australia, and Singapore. Each region offers multiple availability zones and both a primary and disaster recovery region

AI-Enabled Traceability

Our customers need to be able have complete traceability from their business requirements to all of the software development and testing assets managed within the Inflectra platform. We leverage the power of AWS CodeBuild and DeviceFarm to provide an integrated DevOps solution dashboard in a 'single pane of glass'. Embracing the power of GenerativeAI, our platform includes an innovating AI assistant using AWS Bedrock that lets customers generate tests, tasks, code and risks from their business requirements and user stories.

Visit AWS Marketplace to purchase or start a Free Trial today. ≫

Get started with Inflectra solutions on AWS

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